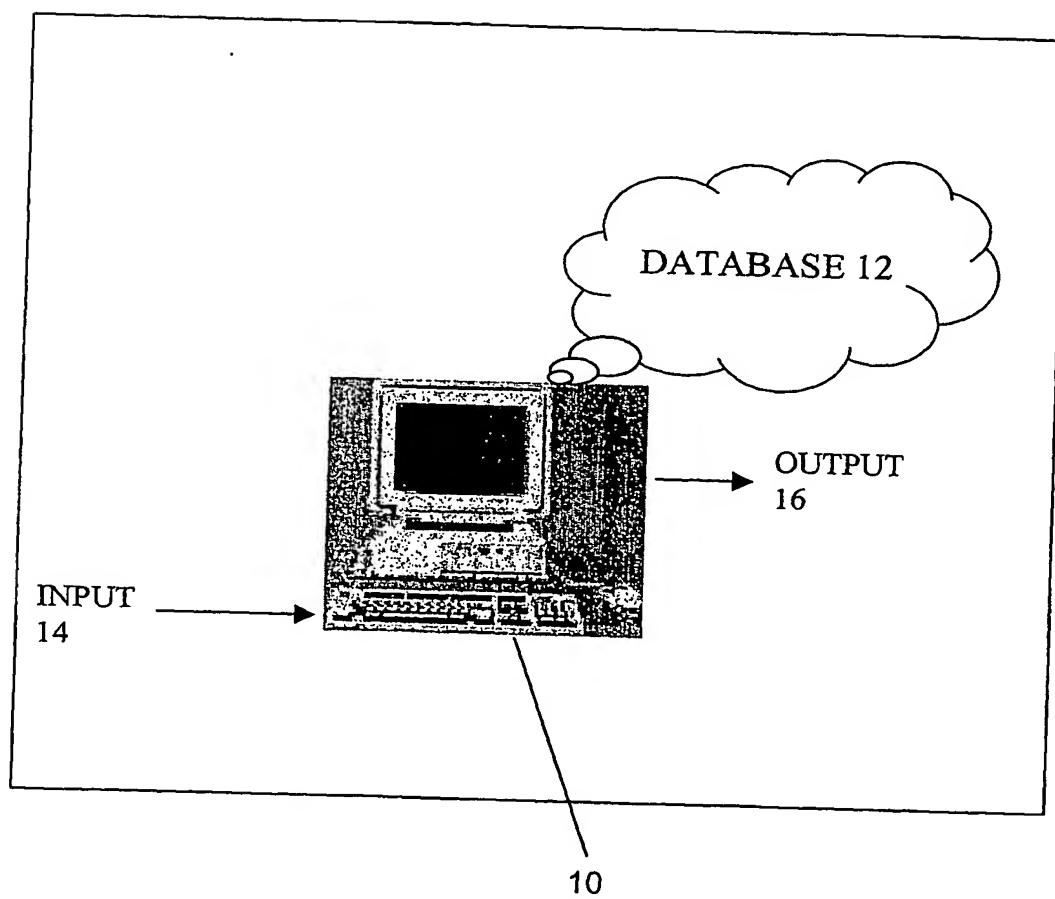


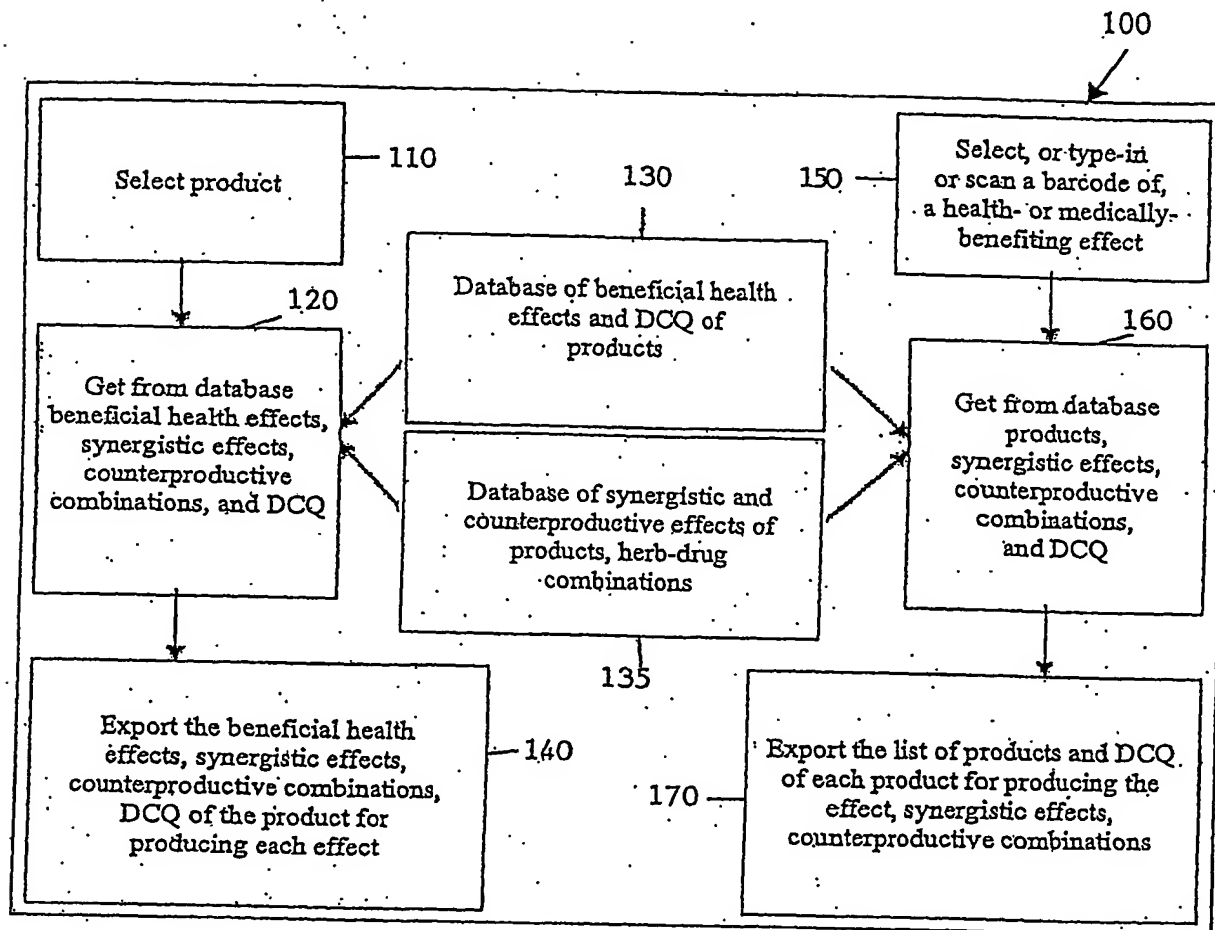
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FIGURE 1



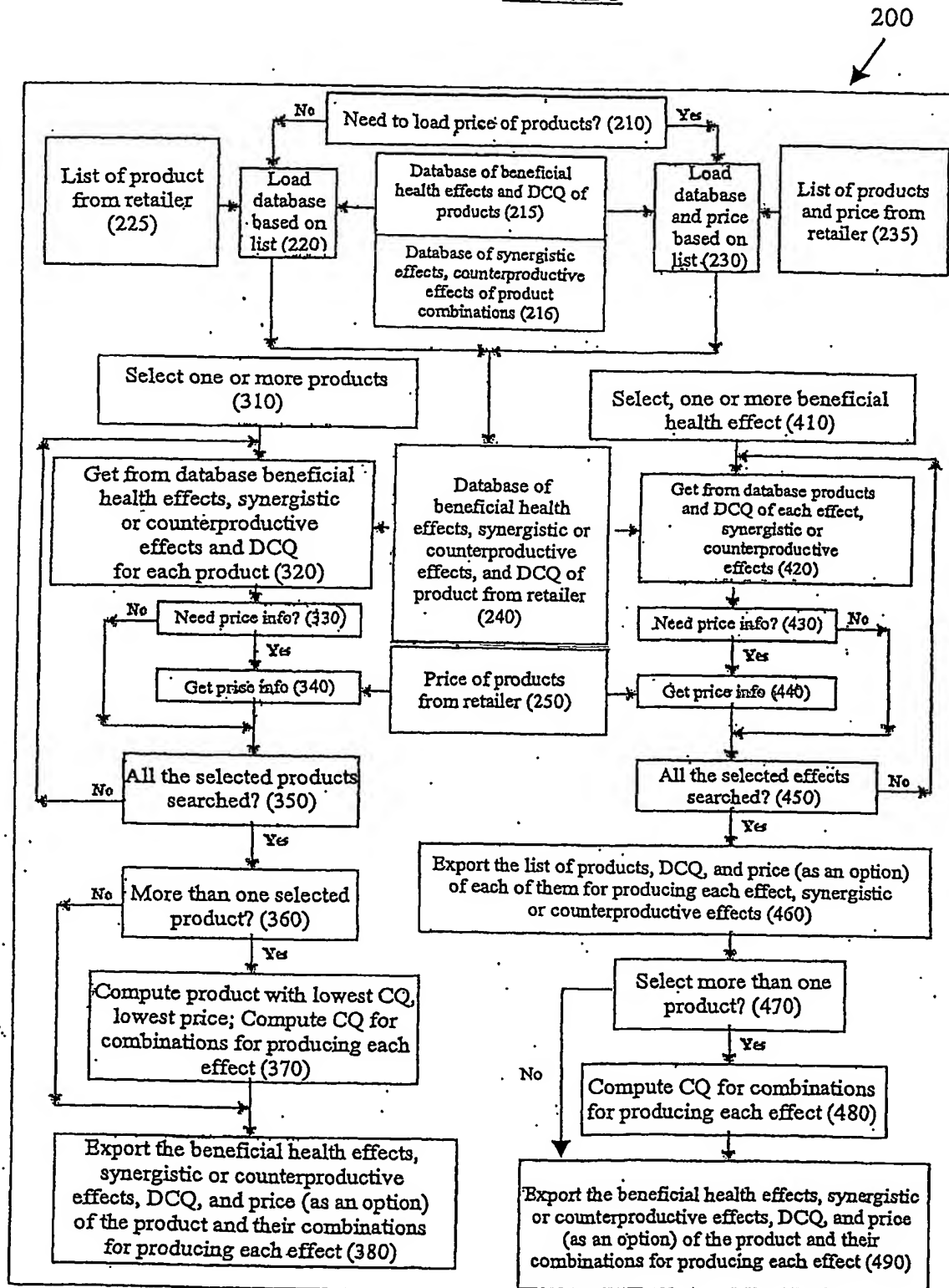
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FIGURE 2



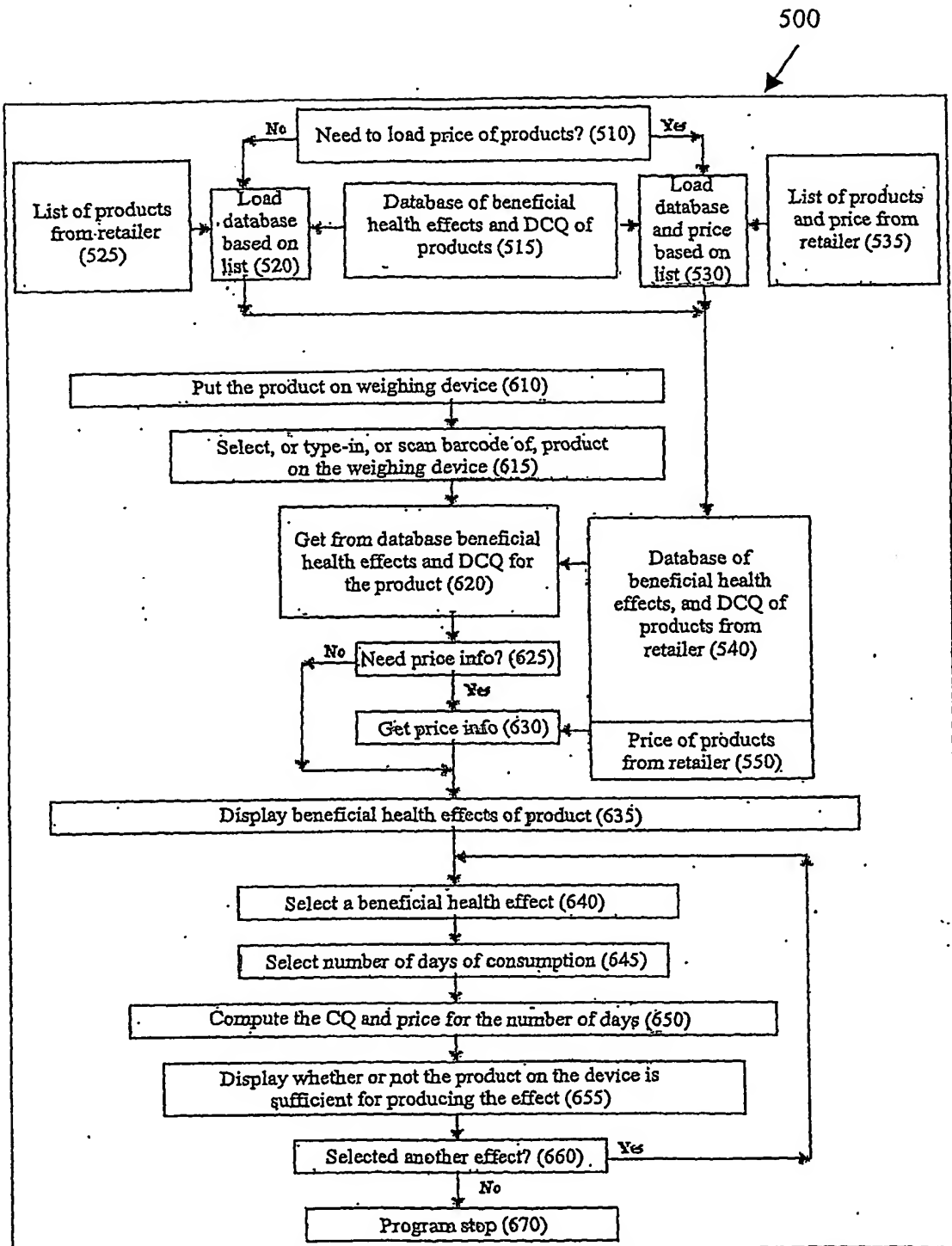
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FIGURE 3



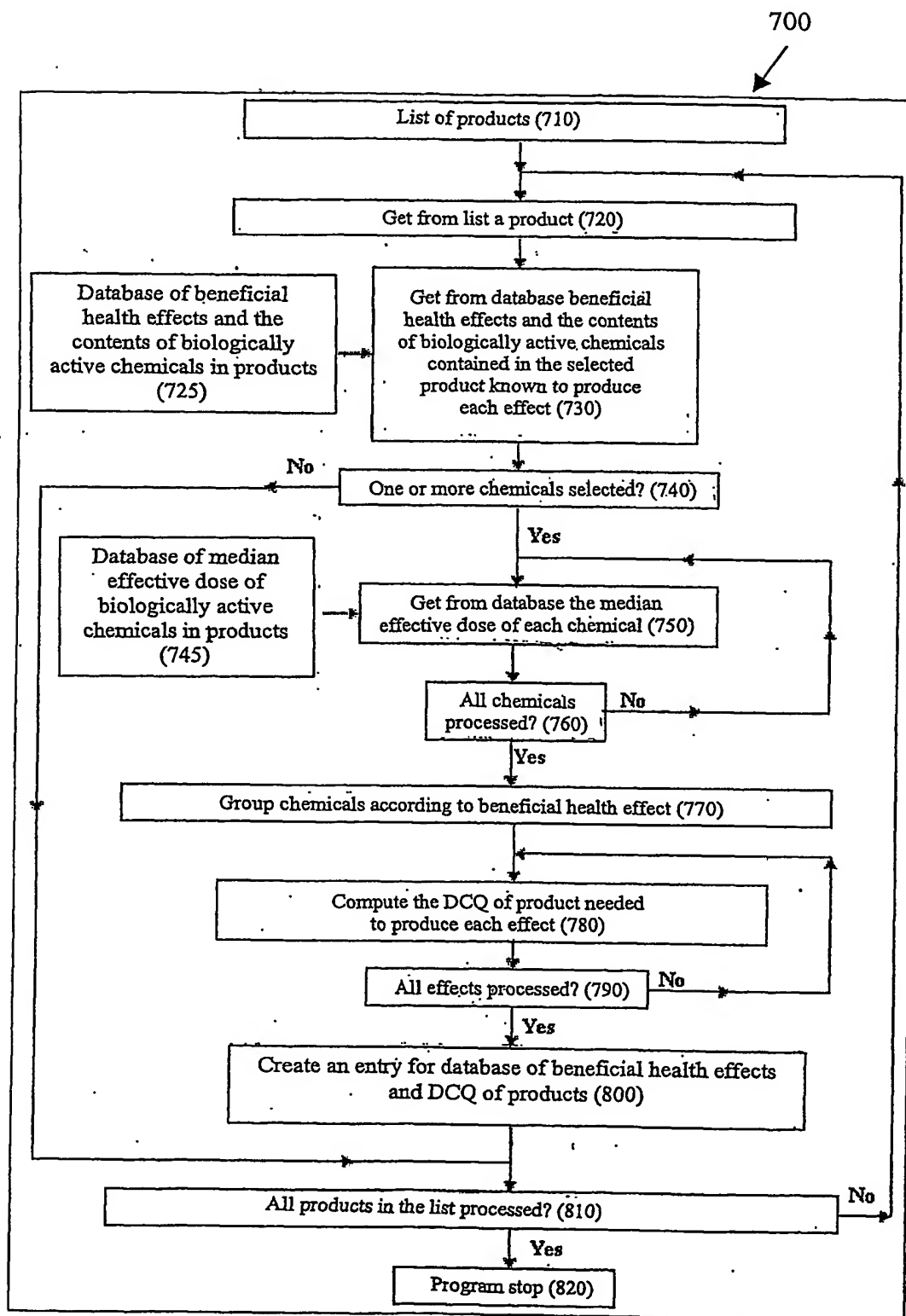
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FIGURE 4



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FIGURE 5



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FIGURE 6

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FBBC Consultant:
Foodstuff and Botanicals Benefit and Consumption Consultant

A database to provide information about the known health benefits for medical effects recommended daily consumption for foodstuff, botanicals, or herbal products.

[Click here for explanation of query method.](#)

| Field Name | Match Text |
|--|-----------------------------|
| Name of foodstuff or botanicals or herbal products | <input type="text"/> Select |
| Health or medical benefits | <input type="text"/> Select |

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FIGURE 7**FBBC Consultant:****Foodstuff and Botanicals Benefit and Consumption Consultant****Detailed Information**

| Detailed Information | |
|--|---------------------------------|
| Common Name | Tomato |
| Specific name | Amico tomato |
| Synonym | Pseudomonas syringae tomato |
| Area of origin | Godollo, Hungary |
| State of sample | Raw and fresh |
| Benefits and Consumption | |
| Health benefits or medical effect | Recommended Minimum Consumption |
| Anti-oxidant, Anti-aging | 101 g/day |
| Anti-cancer (preventing prostate, lung, and stomach cancers) | 169 g/day |
| Remarks | |
| Processed or cooked tomato provides more benefits. | |

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FIGURE 8

Foodstuff and Botanical Ingredient and Content Database

A database to provide information about the known health effects or medical effects for foodstuff and botanical product, known chemical ingredients and their contents, location of growth, collection time, post-collection, processing status, and method for composition analysis of these foodstuff and botanical products. Relevant references are provided as well.

Click [here](#) for explanation of query method.

| Field Name | Match Text |
|---------------------------------|-----------------------------|
| Name of foodstuff or botanicals | <input type="text"/> |
| Chemical name or CAS No. | <input type="text"/> |
| Health or medical effect | <input type="text"/> Select |
| Location of growth | <input type="text"/> Select |

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FIGURE 9

FBICD:

Foodstuff and Botanical Ingredient and Content Database

Detailed Information

| FBICD detailed information | |
|----------------------------|--|
| Common Name | Ginkgo |
| Latin Name | <i>Ginkgo biloba</i> L. |
| Indigenous Name | Yin xin, Ginkgo, Gingko |
| Collection Site | Nan Xiong, Guang-Dong Province, China |
| Collection Time | Oct., 1994 |
| State | Powder |
| Part for Analysis | Leaf |
| Health or Medical Effects | To aid circulatory problems in the elderly, especially insufficiency and the consequent cognitive effects, peripheral circulatory impairment, particularly intermittent claudication (poor circulation to the lower legs), and vertigo and tinnitus. To protect against altitude sickness and to mediate erectile dysfunction in males. To treat cerebral insufficiency such as Alzheimer's disease. |
| Analysis Method | HPLC |
| Compound Class | Flavonoids |
| Total Class Content | 13.2mg/g |
| Reference | Chi, Jing Rui, et al. Acta Pharmaceutica Sinica, 1997, 32(8): 625-628 |
| Ingredients and Content | |
| Compound Name | Content (of leaf) |
| quercetin | 0.15 mg/g |
| kaempferol | 1.3 mg/g |
| bilobetin | 1.0 mg/g |
| ginkgetin | 4.2 mg/g |
| sciadoptisin | 6.5 mg/g |

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FIGURE 10

EDC database:

Effective Dose of Chemicals

A database to provide information about the known effective dose of chemicals for particular health or medical effects. It also contains CAS no, source of chemicals and possible toxicity. Relevant references are provided.

Click [here](#) for explanation of query method

| Field Name | Match Text |
|---------------------------|--|
| Chemical name: | <input type="text"/> |
| CAS No: | <input type="text"/> |
| Health or medical effect: | <input type="text"/> <small>Select</small> |
| Source of chemical: | <input type="text"/> |

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FIGURE 11

EDC database:

Effective Dose of Chemicals

Detailed Information

| Detailed Information | |
|------------------------|---|
| Chemical Name | Cucurbitacin B |
| Synonym | Amarin, Fabacein II |
| CAS No | 6199-67-3 |
| Source | Towel gourd, melon |
| Reference | Ji, YB & Zhang GM, Pharmacological Action and Application of Available Antitumor Composition of Traditional Chinese Medicine, Helongjiang Science and Technology publishing |
| Effective Dose | |
| Effect | Minimum Effective dose |
| Anti-cancer | In vitro: ED ₅₀ = 0.005 μ g/ml |
| Anti-cancer | In vivo: 0.25-0.5mg/kg |
| Toxicity | |
| Stomach wash (mouse) | LD ₅₀ = (14 \pm 3)mg/kg |
| Hypo-injection (mouse) | LD ₅₀ = (1.0 \pm 0.07)mg/kg |